

Remarks

Applicants respectfully request reconsideration of the present U.S. Patent application. Claims 1 and 11 have been amended. No claims have been added or canceled. Thus, claims 1-32 are pending.

CLAIM REJECTIONS – 35 U.S.C. § 102(b)

Claims 1, 8, 9, 11, 12 and 14-18 were rejected as being anticipated by U.S. Patent No. 4,731,754 issued to Ogden, et al. (*Ogden*). For at least the reasons set forth below, Applicants submit that claims 1, 8, 9, 11, 12 and 14-18 are not anticipated by *Ogden*.

Claim 1 recites:

a polymer ferroelectric memory device; and
a heater coupled to the polymer ferroelectric memory device to heat the polymer ferroelectric memory device, wherein the heater comprises at least a portion of a layer within the polymer ferroelectric memory device.

Similarly, claim 11 recites:

heating, with an on-chip heater, a ferroelectric polymer to a temperature above its Curie temperature, wherein the heater comprises at least a portion of a layer within the polymer ferroelectric memory device;
maintaining the temperature for a time period;
cooling the ferroelectric polymer to crystallize the ferroelectric polymer.

Thus, Applicants claim a heater that is a portion of a layer within a polymer ferroelectric memory device.

Ogden discloses increasing the temperature of a memory device using an externally applied electric field. See col. 4, lines 35-39. An externally applied electronic field is not a heater that is at least a portion of a layer within a polymer ferroelectric

memory device. Therefore, Ogden cannot anticipate the invention as claimed in claims 1 and 11.

Claims 8 and 9 depend from claim 1. Claims 12 and 14-18 depend from claim 11. Because dependent claims include the limitations of the claims from which they depend, Applicants submit that claims 8, 9, 12 and 14-18 are not anticipated by Ogden for at least the reasons set forth above.

ALLOWABLE SUBJECT MATTER

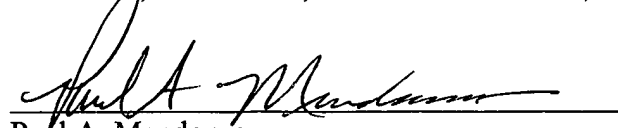
Claims 2, 3-7, 10, 13 and 19-32 were indicated as including allowable subject matter.

CONCLUSION

For at least the foregoing reasons, Applicants submit that the rejections have been overcome. Therefore, claims 1-32 are in condition for allowance and such action is earnestly solicited. The Examiner is respectfully requested to contact the undersigned by telephone if such contact would further the examination of the present application. Please charge any shortages and credit any overcharges to our Deposit Account number 02-2666.

Respectfully submitted,
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